

Date: Thursday, 24/01/2008 1:08:26 PM  
 User: Linda Lacelle

## Process Sheet

<b>Customer</b> : CC-DAR01 Dart Aerospace Ltd.	<b>Drawing Name</b> : D3742 REV. A
<b>Job Number</b> : 36967	
<b>Estimate Number</b> : 10804	
<b>P.O. Number</b> :	<b>Part Number</b> : D37421
<b>This Issue</b> : 24/01/2008 <b>S.O. No.</b> :	<b>Drawing Number</b> : BEARING
<b>Prsht Rev.</b> : NC	<b>Project Number</b> :
<b>First Issue</b> : / / <b>Type</b> : PURCHASED PARTS	<b>Drawing Revision</b> :
<b>Previous Run</b> : 00015	<b>Material</b> :
<b>Written By</b> :	<b>Due Date</b> : 24/01/2008 <b>Qty:</b> 17 <b>Um:</b> Each
<b>Checked &amp; Approved By</b> :	
<b>Comment</b> :	

Additional Product

Job Number:



<b>Seq. #:</b>	<b>Machine Or Operation:</b>	<b>Description :</b>
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1.0	PG	PURCHASING
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**Comment:** PURCHASING  
 ISSUE P.O. 3411  
 SNR 608 FT150

U 08-01-28

2.0	608 FT150	SNR BEARING
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**Comment:** Qty.: 1.0000 Each(s)/Unit Total : 17.0000 Each(s)  
 SNR BEARING

3.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

RECEIVE AND INSPECT FOR TRANSIT DAMAGE  
 ENSURE C OF C ATTACHED

CL 08/01/21 (17)

4.0	QC6	DIMENSIONAL CHECK
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**Comment:** DIMENSIONAL CHECK

R# 08-01-24

5.0	PACKAGING 1	PACKAGING RESOURCE #1
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**Comment:** PACKAGING RESOURCE #1

ID & STK

CL 08/01/24 (17)

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## Process Sheet

Customer: CC-DAR01 Dart Aerospace Ltd.

Drawing Name: D3742 REV. A

Job Number: 36967

Part Number: D37421

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

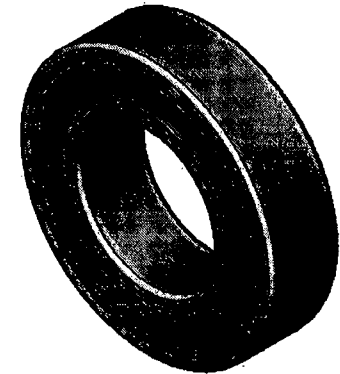
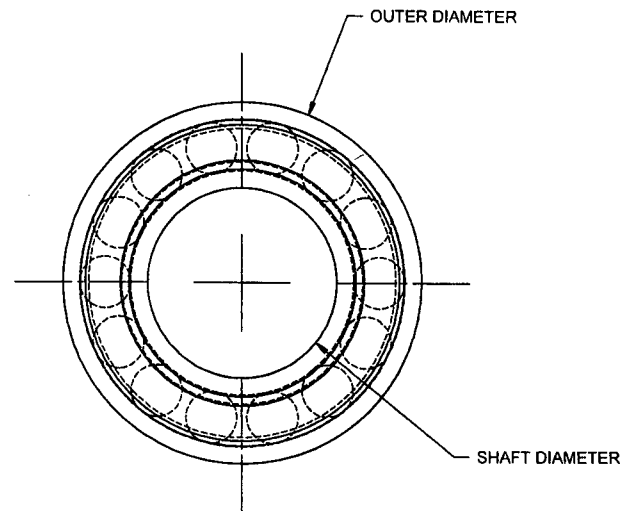
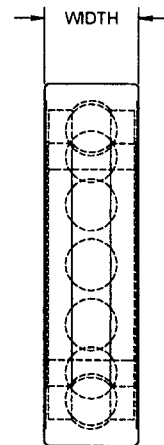
*A-08.01.25*

Job Completion



*C208/01/24*

# SPECIFICATION CONTROL DRAWING



**D3742-X BEARING**

DART P/N	SHAFT DIAMETER	OUTER DIAMETER	WIDTH	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE	SPEED LIMIT	DYNAMIC LOAD RATING	TYPE	POSSIBLE SUPPLIERS	WEIGHT (LBS)
D3742-1	8 mm (0.315")	22 mm (0.866")	7 mm (0.276")	-20°C (-4°F)	150°C (302°F)	22,000 RPM	741.9 LB	SEALED BALL BEARING	SNR 608 FT150	0.03

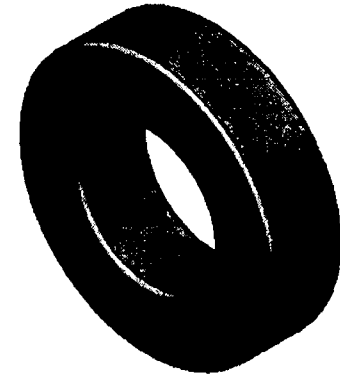
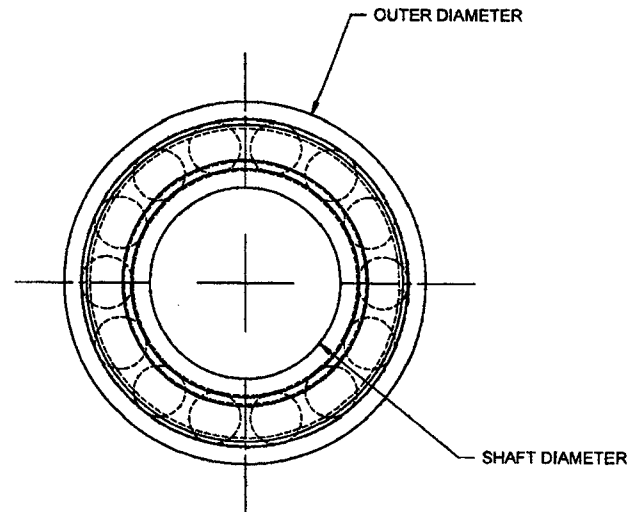
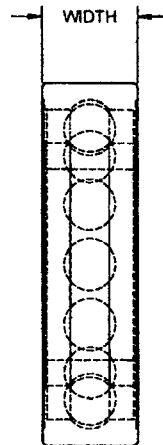
**NOTES:**

- 1) FINISH: N/A
- 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) UNITS: INCHES UNLESS OTHERWISE NOTED
- 4) IDENTIFICATION: N/A

60 36 967

A	NEW ISSUE	PH	08.01.20
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	PH		
CHECKED	CE	DRAWING NO.	REV. A
MFG. APPR.	CE	D3742	SHEET 1 OF 1
APPROVED	TH	TITLE	SCALE
DE APPR.	TH	BEARING	NTS
DATE	08.01.20	COPYRIGHT © 2008 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

# SPECIFICATION CONTROL DRAWING



**UNDER REVIEW**  
 08.01.25 PH  
 UPGRADE BEARING

**D3742-X BEARING**

DART P/N	SHAFT DIAMETER	OUTER DIAMETER	WIDTH	MINIMUM TEMPERATURE	MAXIMUM TEMPERATURE	SPEED LIMIT	DYNAMIC LOAD RATING	TYPE	POSSIBLE SUPPLIERS	WEIGHT (LBS)
D3742-1	8 mm (0.315")	22 mm (0.866")	7 mm (0.276")	-20°C (-4°F)	150°C (302°F)	22,000 RPM	741.9 LB	SEALED BALL BEARING	SNR 608 FT150	0.03

- NOTES:  
 1) FINISH: N/A  
 2) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 3) UNITS: INCHES UNLESS OTHERWISE NOTED  
 4) IDENTIFICATION: N/A

**RELEASED**  
 08.01.25 PH

A	NEW ISSUE	PH	08.01.20
REV.	DESCRIPTION	BY	DATE
DESIGN	PH		
DRAWN	PH		
CHECKED	LE		
MFG. APPR.	PH		
APPROVED	PH		
DE APPR.	PH		
DATE	08.01.20		

<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. <b>D3742</b>	REV. A SHEET 1 OF 1
TITLE <b>BEARING</b>	SCALE NTS
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Date: Wednesday, 13/02/2008 11:11:26 AM

User: Linda Lacelle

**JOB HISTORY : DETAIL**

<b>Job Number</b>	: 36967	<b>Customer</b>	: Dart Aerospace Ltd.
<b>Estimate Number</b>	: 10804	<b>DWG Name</b>	: D3742 REV. A
<b>Purchase Order #</b>	:	<b>Part Number</b>	: D37421
<b>Complete Date</b>	: 24/01/2008 1:22:13	<b>DWG Number</b>	: BEARING
		<b>Rev.</b>	:

<b>DUE DATE</b>	<b>ORDERED</b>	<b>DELIVERED</b>
24/01/2008	17	17

**2.0 608 FT150-SNR BEARING INVENTORY ITEM**

DATE	EMPLOYEE	TYPE	Qty	COST	
24/01/2008	LAVO01: Lavoie, Chantal	608 FT150	17.000	\$426.30	Lot # 106879 Qty. 17
13/02/2008	LACE01: Lacelle, Linda	608 FT150	-17.000	\$-439.44	Lot # 106879 Qty. -17

**Subtotal:** QTD: 17 CTD: -17 \$-13.14

**3.0 6661K82-Bearing INVENTORY ITEM**

DATE	EMPLOYEE	TYPE	Qty	COST	
13/02/2008	LACE01: Lacelle, Linda	6661K82	8.000	\$52.00	Lot # 106953 Qty. 8

**Subtotal:** QTD: 0 CTD: 8 \$52.00

		<b>TIME</b>	<b>COST</b>	
	Machine Time:	0.00	\$0.00	
	Labor:	0.00	\$0.00	
	Sub-contract (external Op.):		\$0.00	
	INVENTORY ITEM:		\$38.86	
	SUB-COMPONENT (SUB-JOB):		\$0.00	
<b>Total:</b>			\$38.86	

COST PER UNIT: \$2.28

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

Date: 08.01.25	Job No.: 00241	ADR Yes/No: Y	ADR Date: 08.01.21	ECN #: 1128
Product No.: D206-746		Created By: <i>PH</i>	Approved By:	
Product Name: SHROUD AIRFLOW HEATER		Checked By:	General Manager Approval:	

Distribution	Reqd	Resp	Received	Distribution	Reqd	Resp	Received
Production Manager	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Customer Technical Support	X	DStow	
Production Engineering Coord	X	DD/EC		Marketing			
Director Quality Assurance							
Customer Order Processing							

**Reason for Change:**  
Bearings on Janitrol Motor are failing prematurely

**Documents Affected:**

D3742 Rev B (see below)

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	PH		01.04.11 <i>PH</i>
2	Update Blue/Pink/DSI Folder and Electronic Files	N			
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		08.02.11 <i>PH</i>
4	Update Grey Project Binder	Y	KJ		08.02.11 <i>PH</i>
5	Move Electronic Files	Y	KJ		08.02.11 <i>PH</i>
6	Update Master Document List (MDL) <i>Rev. G</i>	Y	PH		08.02.11 <i>PH</i>
7	Update Document Record (DR) <i>Rev. E</i>	Y	KJ		08.02.11 <i>PH</i>
8	Create/Update Change Record Form	N			
9	Create/Update PPP's	N			
10	Update Controlled PDF Files	Y	KJ		08.02.11 <i>PH</i>
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	N			
13	Update Product Development Summary	N			
14	Update Accpac Database	N			
15	Update Access (ARC) Database	N			
16	Update/Verify ARC	N			
17	Update Paperwork Kits in Production	Y	KJ	For kits equipped with new bearing only	None in Prod <i>PH</i>
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	EC/DD		
23	Update FAI Sheets	N			
24	Create/Update CNC Programs	N			
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	Y	LL	Change bearing on 26D71 motor	
28	Update Paperwork Kits in Stock	Y	<i>PH</i>	For kits equipped with new bearing only	
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	Y	DStow		
32	Notify Eurocopter France	N			
33					

**Description / Action:**

D3742 Rev B (McMaster D6661K82 bearing) will replace D3742 Rev A bearing  
If 26D71 Motors were re-worked per ECN #1117, these MUST be reworked as well.

*D206-746-011 (1 IN STOCK, 0 IN PROD)*  
*D3742-1 (11 IN STOCK)*

**ALL D3742 REV A BEARINGS NEED TO BE QUARANTINED**